BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET
FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						500.84			
							Total	**500.84**			
							Tender Quantity	**500.84**			
							Now to be Paid Quantity	**500.84**	**207.60**	**103973.49**	
Item No. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						156.06			
							Total	**156.06**			
							Tender Quantity	**156.06**			
							Now to be Paid Quantity	**156.06**	**111.30**	**17369.48**	
Item No. 03		Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete.,									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						58.86			
							Total	**58.86**			
							Tender Quantity	**58.86**			
							Now to be Paid Quantity	**58.86**	**742.00**	**43674.12**	
Item No. 04		Providing granite 10 cms thick slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete									
Measurements taken on											
		Krishanath villah									
		1st cross road									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	60		Sqm	1	15.00	0.90		13.50			
60	75		Sqm	1	15.00	0.90		13.50			
75	90		Sqm	1	15.00	0.90		13.50			
90	105		Sqm	1	15.00	0.90		13.50			
105	120		Sqm	1	15.00	0.90		13.50			
120	133		Sqm	1	13.00	0.90		11.70			
		Muneshwara Layout									
		Hello KidsTo%th Cross Road									
		rhs									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	60		Sqm	1	15.00	0.90		13.50			
60	76.4		Sqm	1	16.40	0.90		14.76			
		Cross Road-2									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	46		Sqm	1	16.00	0.90		14.40			
		4th Cross Road									
		Lhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor | RMC | Assistant Engineer | Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	68		Sqm	1	8.00	0.75		6.00			
		Rhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	68		Sqm	1	8.00	0.75		6.00			
		3rd Cross Road									
		Lhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	65		Sqm	1	5.00	0.75		3.75			
		Rhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	65		Sqm	1	5.00	0.75		3.75			
		5th Cross Road									
		Lhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	68		Sqm	1	8.00	0.75		6.00			
		Rhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	68		Sqm	1	8.00	0.75		6.00			
		2nd Cross Road									
		Lhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	55		Sqm	1	10.00	0.75		7.50			
		Rhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
45	60		Sqm	1	15.00	0.75		11.25			
60	68		Sqm	1	8.00	0.75		6.00			
		Near Raghavendra Temple									
		Lhs									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	56		Sqm	1	11.00	0.90		9.90			
		Rhs									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	56		Sqm	1	11.00	0.90		9.90			

Assistant Executive Engineer
Vijayanagara Sub Division
BBMP Bangalore-97

Assistant Executive Engineer
R.R. Nagar, Sub Division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		4th Cross Road (Raghavendra Temple Back side) Venkatagiryapp layout									
		Lhs									
0	4		Sqm	1	4.00	0.90		3.60			
12	18		Sqm	1	6.00	0.90		5.40			
25	34		Sqm	1	9.00	0.90		8.10			
42	49		Sqm	1	7.00	0.90		6.30			
		Rhs									
0	2		Sqm	1	2.00	0.90		1.80			
9	19		Sqm	1	10.00	0.90		9.00			
27	36		Sqm	1	9.00	0.90		8.10			
43	45		Sqm	1	2.00	0.90		1.80			
49	52		Sqm	1	3.00	0.90		2.70			
							Total	**771.21**	**966.72**	**745544.13**	
Item No. 05		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						415.89			
							Total	**415.89**			
							Tender Quantity	**415.89**			
							Now to be Paid Quantity	**415.89**	**5408.12**	**2249191.14**	
Item No. 06		Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						112.20			
							Total	**112.20**			
							Tender Quantity	**112.20**			
							Now to be Paid Quantity	**112.20**	**1019.72**	**114412.58**	
Item No. 07		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						9.73			
							Total	**9.73**			
							Tender Quantity	**9.73**			
							Now to be Paid Quantity	**9.73**	**5747.32**	**55892.69**	
Item No. 08		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						9.01			
							Total	**9.01**			
							Tender Quantity	**9.01**			
							Now to be Paid Quantity	**9.01**	**5505.64**	**49600.31**	

Assistant Executive Engineer, R.R. Nagar, Sub Division, KRIDL, BBMP, Bangalore

RUDRA ROAD CONSULTANTS BANGALORE

Assistant Executive Engineer, Yeshwanthpura Sub Division, Bangalore-97

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 09		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-									
Measurements taken on											
		Bottom Raft									
		New Drain									
		Ramchandrapura main road									
0	15		Cum	1	15.00	1.20	0.23	4.14			
15	30		Cum	1	15.00	1.20	0.23	4.14			
30	34.7		Cum	1	4.70	1.20	0.23	1.30			
34.7	42.9		Cum	1	8.20	1.20	0.23	2.26			
		Walls									
		Ramchandrapura main road									
0	15		Cum	2	15.00	0.23	0.90	6.21			
15	30		Cum	2	15.00	0.23	0.90	6.21			
30	34.7		Cum	2	4.70	0.23	0.90	1.95			
34.7	42.9		Cum	2	8.20	0.23	0.90	3.39			
							Total	**29.60**	**7070.20**	**209284.99**	
Item No. 10		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.									
			Tonne								
		Vide Total executed Quantity from premeasuremet Page no.						**2.23**			
							Total	**2.23**			
							Tender Quantity	**2.22**			
							Now to be Paid Quantity				
							Quantity Limited To	**2.22**	**72326.98**	**160565.90**	
Item No. 11		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)									
Measurements taken on											
		Drain cover slab									
		Kempanna Layout									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	60		Sqm	1	15.00	0.90		13.50			
60	75		Sqm	1	15.00	0.90		13.50			
75	93.5		Sqm	1	18.50	0.90		16.65			
		Hello KidsTo%th Cross Road									
		Lhs									
0	15		Sqm	1	15.00	0.75		11.25			
15	30		Sqm	1	15.00	0.75		11.25			
30	45		Sqm	1	15.00	0.75		11.25			
		Cross Road-1									

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore-97

Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore

UDAYAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45.4		Sqm	1	15.40	0.90		13.86			
		Missing Slab									
			Sqm	166	0.90	0.60		89.64			
							Total	**248.40**	**2337.00**	**580510.80**	
Item No. 12		Suply And Fixing precast concrete Slab 15cm thick including Cost Of reinforcement as per design and drawing materail cost transportation here Charge of Machinary cutting the vertical face to get plain even surface etc complete with all leads and lifts conveynce charges labour charges inclusive of cost of all materials and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on											
		Drain cover slab									
		Ramchandrapura main road									
0	15		Sqm	1	15.00	1.80		27.00			
15	30		Sqm	1	15.00	1.80		27.00			
30	34.7		Sqm	1	4.70	1.80		8.46			
34.7	42.9		Sqm	1	8.20	1.80		14.76			
							Total	**77.22**	**2493.00**	**192509.46**	
Item No. 13		Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.									
Measurements taken on											
		Kempanna Layout									
0	15		M	1	15.00			15.00			
15	30		M	1	15.00			15.00			
30	45		M	1	15.00			15.00			
45	60		M	1	15.00			15.00			
60	75		M	1	15.00			15.00			
75	93.5		M	1	18.50			18.50			
							Total	93.50			
							Length / 0.45	207.78			
							Total	**207.78**	**432.48**	**89859.73**	
Item No. 14		**Painting two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.									
Measurements taken on											
		Kempanna Layout									
0	15		Sqm	1	15.00		0.35	5.25			
15	30		Sqm	1	15.00		0.35	5.25			
30	45		Sqm	1	15.00		0.35	5.25			
45	60		Sqm	1	15.00		0.35	5.25			
60	75		Sqm	1	15.00		0.35	5.25			
75	93.5		Sqm	1	18.50		0.35	6.48			
							Total	**32.73**	**84.80**	**2775.08**	
Item No. 15		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications									
			Cum								

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Vide Total executed Quantity from premeasuremet Page no.						495.98			
							Total	**495.98**			
							Tender Quantity	**495.98**			
							Now to be Paid Quantity	**495.98**	**56.26**	**27903.78**	
Item No. 16		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						84.30			
							Total	**84.30**			
							Tender Quantity	**84.30**			
							Now to be Paid Quantity	**84.30**	**2001.28**	**168697.90**	
Item No. 17		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						366.50			
							Total	**366.50**			
							Tender Quantity	**366.50**			
							Now to be Paid Quantity	**366.50**	**22.26**	**8158.29**	
Item No. 18		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						697.55			
							Total	**697.55**			
							Tender Quantity	**697.55**			
							Now to be Paid Quantity	**697.55**	**28.62**	**19963.99**	
Item No. 19		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						34.88			
							Total	**34.88**			
							Tender Quantity	**34.88**			
							Now to be Paid Quantity	**34.88**	**6597.44**	**230103.45**	
Item No. 20		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						1690.72			
							Total	**1690.72**			
							Tender Quantity	**1690.72**			
							Now to be Paid Quantity	**1690.72**	**5.30**	**8960.79**	
Item No. 21		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications									

20.05.25
Assistant Executive Engineer
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Measurements taken on											
		Krishanath villah									
		1st cross road									
0	15		Sqm	1	15.00	5.80		87.00			
15	30		Sqm	1	15.00	5.40		81.00			
30	45		Sqm	1	15.00	5.15		77.25			
45	60		Sqm	1	15.00	4.85		72.75			
60	75		Sqm	1	15.00	5.05		75.75			
75	90		Sqm	1	15.00	5.20		78.00			
90	105		Sqm	1	15.00	5.30		79.50			
105	120		Sqm	1	15.00	5.20		78.00			
120	133		Sqm	1	13.00	5.05		65.65			
		Main Road									
0	15		Sqm	1	15.00	4.65		69.75			
15	24.9		Sqm	1	9.90	5.05		50.00			
		4th Cross Road Venkatagiryapp layout									
0	15		Sqm	1	15.00	4.20		63.00			
15	30		Sqm	1	15.00	4.25		63.75			
30	45		Sqm	1	15.00	4.25		63.75			
45	60		Sqm	1	15.00	4.15		62.25			
60	75		Sqm	1	15.00	4.15		62.25			
75	90		Sqm	1	15.00	4.25		63.75			
90	105		Sqm	1	15.00	4.25		63.75			
105	120		Sqm	1	15.00	4.30		64.50			
120	133		Sqm	1	13.00	4.30		55.90			
133	142.7		Sqm	1	9.70	4.60		44.62			
		4th Cross Road (Raghavendra Temple Back side) Venkatagiryapp layout									
0	15		Sqm	1	15.00	5.10		76.50			
15	30		Sqm	1	15.00	5.20		78.00			
30	45		Sqm	1	15.00	5.20		78.00			
45	52		Sqm	1	7.00	5.15		36.05			
							Total	**1690.72**	**12.72**	**21505.89**	
Item No. 22		Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications									
Measurements taken on											
		Krishanath villah									
		1st cross road									
0	15		Cum	1	15.00	5.80	0.04	3.48			
15	30		Cum	1	15.00	5.40	0.04	3.24			
30	45		Cum	1	15.00	5.15	0.04	3.09			
45	60		Cum	1	15.00	4.85	0.04	2.91			
60	75		Cum	1	15.00	5.05	0.04	3.03			
75	90		Cum	1	15.00	5.20	0.04	3.12			
90	105		Cum	1	15.00	5.30	0.04	3.18			
105	120		Cum	1	15.00	5.20	0.04	3.12			
120	133		Cum	1	13.00	5.05	0.04	2.63			

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

PUDUGRAPRASAD CONSULTANTS BANGALORE

Contractor PMC

Sunetha. N K

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of RCC drain, cement concrete road and missing covering slabs at Elumandamma Layout and sourrounding area in Ward No.10

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Main Road									
0	15		Cum	1	15.00	4.65	0.04	2.79			
15	24.9		Cum	1	9.90	5.05	0.04	2.00			
		4th Cross Road Venkatagiryapp layout									
0	15		Cum	1	15.00	4.20	0.04	2.52			
15	30		Cum	1	15.00	4.25	0.04	2.55			
30	45		Cum	1	15.00	4.25	0.04	2.55			
45	60		Cum	1	15.00	4.15	0.04	2.49			
60	75		Cum	1	15.00	4.15	0.04	2.49			
75	90		Cum	1	15.00	4.25	0.04	2.55			
90	105		Cum	1	15.00	4.25	0.04	2.55			
105	120		Cum	1	15.00	4.30	0.04	2.58			
120	133		Cum	1	13.00	4.30	0.04	2.24			
133	142.7		Cum	1	9.70	4.60	0.04	1.78			
		4th Cross Road (Raghavendra Temple Back side) Venkatagiryapp layout									
0	15		Cum	1	15.00	5.10	0.04	3.06			
15	30		Cum	1	15.00	5.20	0.04	3.12			
30	45		Cum	1	15.00	5.20	0.04	3.12			
45	52		Cum	1	7.00	5.15	0.04	1.44			
							Total	**67.63**	**7753.90**	**524385.40**	
Item No. 23		Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.									
Measurements taken on											
		Krishanath villah									
		1st cross road									
0	133		Sqm	2	133.00	0.10		26.60			
		Main Road									
0	24.9		Sqm	2	24.90	0.10		4.98			
		4th Cross Road Venkatagiryapp layout									
0	142.7		Sqm	2	142.70	0.10		28.54			
		4th Cross Road (Raghavendra Temple Back side) Venkatagiryapp layout									
0	52		Sqm	2	52.00	0.10		10.40			
							Total	**70.52**	**454.74**	**32068.26**	
Item No. 24		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						548.91			
							Total	**548.91**			
							Tender Quantity	**548.91**			
							Now to be Paid Quantity	**548.91**	**1022.74**	**561394.26**	

Assistant Executive Engineer
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R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

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Contractor PMC

Sweetha. N.K
Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

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Item No. 25		Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications.									
Measurements taken on											
		1st Main 1st Cross Right Side									
0	15		Cum	1	15.00	2.15	0.15	4.84			
15	30		Cum	1	15.00	2.15	0.15	4.84			
30	40		Cum	1	10.00	2.70	0.15	4.05			
40	62		Cum	1	22.00	3.40	0.15	11.22			
		1st Main 1st Cross Left Side									
0	15		Cum	1	15.00	3.25	0.15	7.31			
15	27.1		Cum	1	12.10	3.85	0.15	6.99			
		Muneshwara Layout									
		Hello KidsTo%th Cross Road									
0	15		Cum	1	15.00	5.15	0.15	11.59			
15	30		Cum	1	15.00	5.25	0.15	11.81			
30	45		Cum	1	15.00	5.20	0.15	11.70			
45	60		Cum	1	15.00	5.25	0.15	11.81			
60	75		Cum	1	15.00	5.30	0.15	11.93			
75	87.4		Cum	1	12.40	5.75	0.15	10.70			
		Cross Road-1									
0	15		Cum	1	15.00	5.05	0.15	11.36			
15	30		Cum	1	15.00	5.10	0.15	11.48			
30	45		Cum	1	15.00	5.10	0.15	11.48			
		Cross Road-2									
0	15		Cum	1	15.00	5.05	0.15	11.36			
15	30		Cum	1	15.00	4.80	0.15	10.80			
30	45		Cum	1	15.00	4.60	0.15	10.35			
		4th Cross Road									
0	15		Cum	1	15.00	4.00	0.15	9.00			
15	30		Cum	1	15.00	3.50	0.15	7.88			
30	45		Cum	1	15.00	3.80	0.15	8.55			
45	60		Cum	1	15.00	4.25	0.15	9.56			
60	67.9		Cum	1	7.90	4.25	0.15	5.04			
		3rd Cross Road									
0	15		Cum	1	15.00	4.50	0.15	10.13			
15	30		Cum	1	15.00	4.55	0.15	10.24			
30	45		Cum	1	15.00	4.30	0.15	9.68			
45	64.9		Cum	1	19.90	4.20	0.15	12.54			
		C Ramayya Layout									
		3D Cross Road									
0	15		Cum	1	15.00	6.20	0.15	13.95			
15	29.2		Cum	1	14.20	5.80	0.15	12.35			
		3C Cross road									
0	15		Cum	1	15.00	6.15	0.15	13.84			
15	29.5		Cum	1	14.50	6.00	0.15	13.05			
		3B Cross road									

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Contractor PMC Assistant Engineer Assistant Executive Engineer

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FIRST and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	15		Cum	1	15.00	5.90	0.15	13.28			
15	30		Cum	1	15.00	5.45	0.15	12.26			
		3A Cross road									
0	15		Cum	1	15.00	5.85	0.15	13.16			
15	30.5		Cum	1	15.50	5.70	0.15	13.25			
		2A Cross road									
0	15		Cum	1	15.00	5.90	0.15	13.28			
15	32.2		Cum	1	17.20	5.80	0.15	14.96			
		Ashraya Charitable Trust									
0	20		Cum	1	20.00	6.70	0.15	20.10			
								Total	**411.68**	**5210.96**	**2145268.86**
										Grand Total	**8363574.77**
										KRIDL Charges 3+1=4%	**334542.99**
										GST Charges2%	**1003628.97**
										Total Amount	**9701746.73**

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BBMP, Bangalore - 97

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